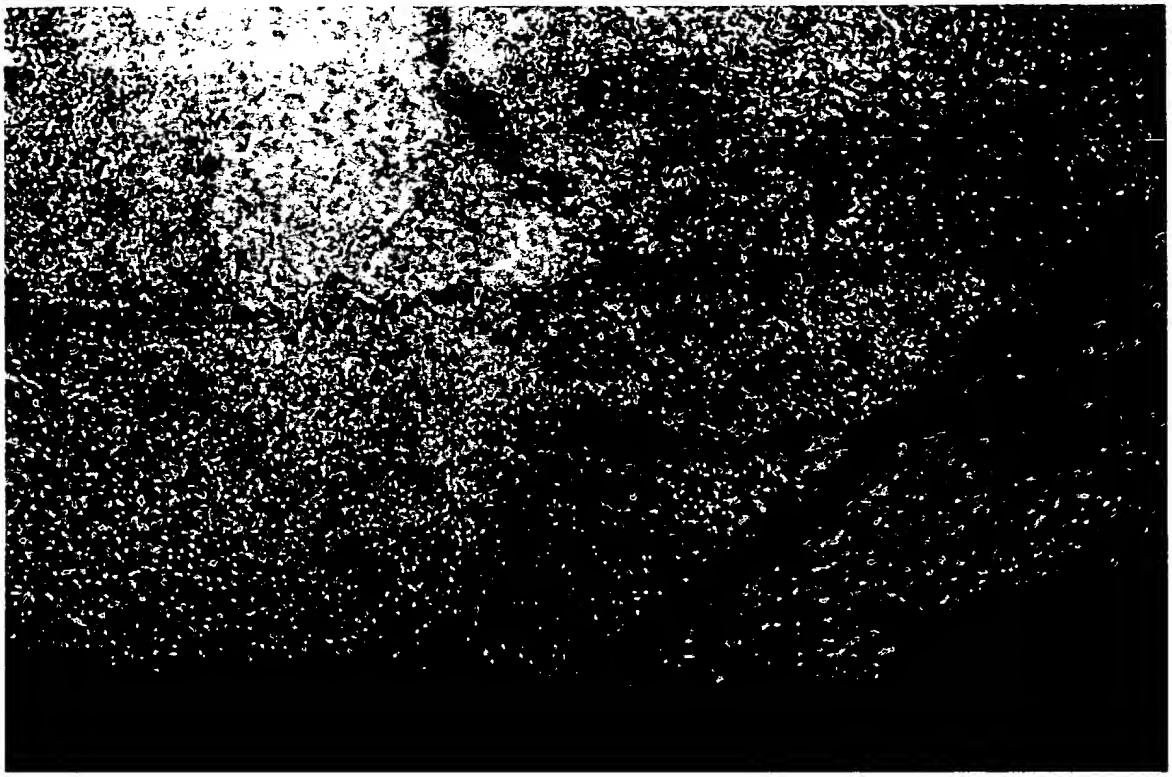


WITH PROTEIN GROWTH FACTORS

TREATED W/ FBS + 1mm Ca^{++}

***CONTROL* - SKIN SHEET DISPASE RELEASED**

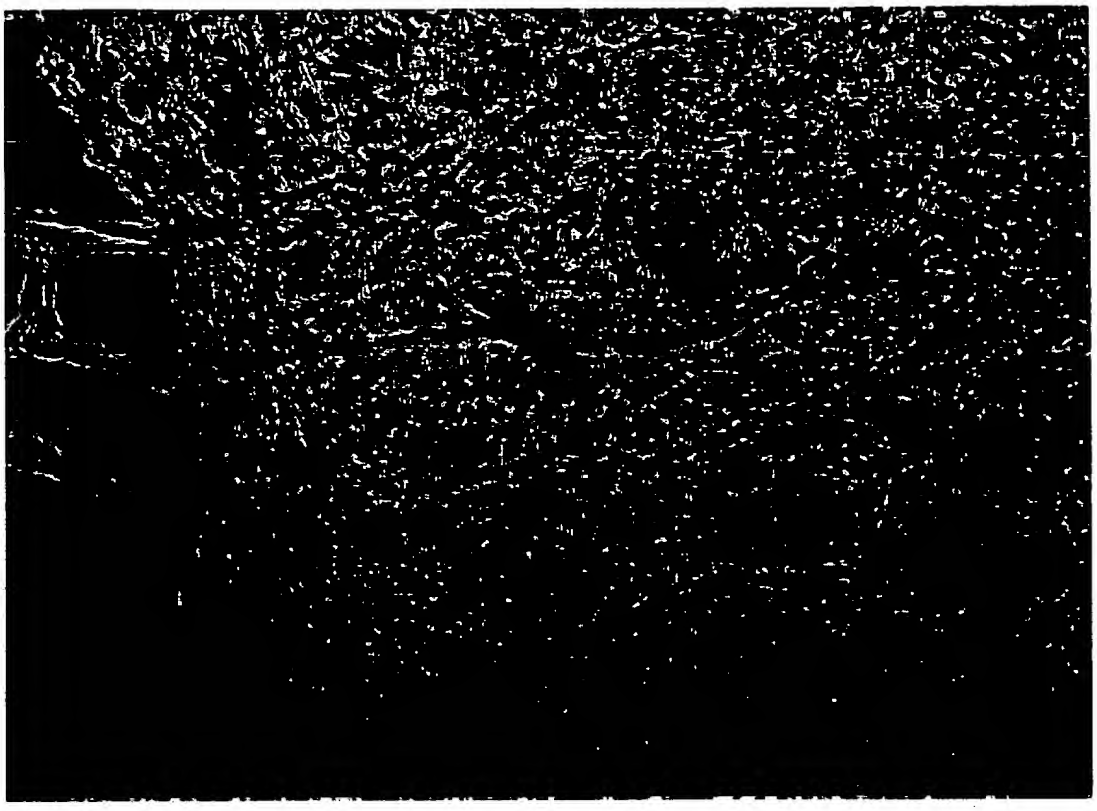
PHASE CONTRAST MICROSCOPE

20X MAGNIFICATION

FIG. 4B

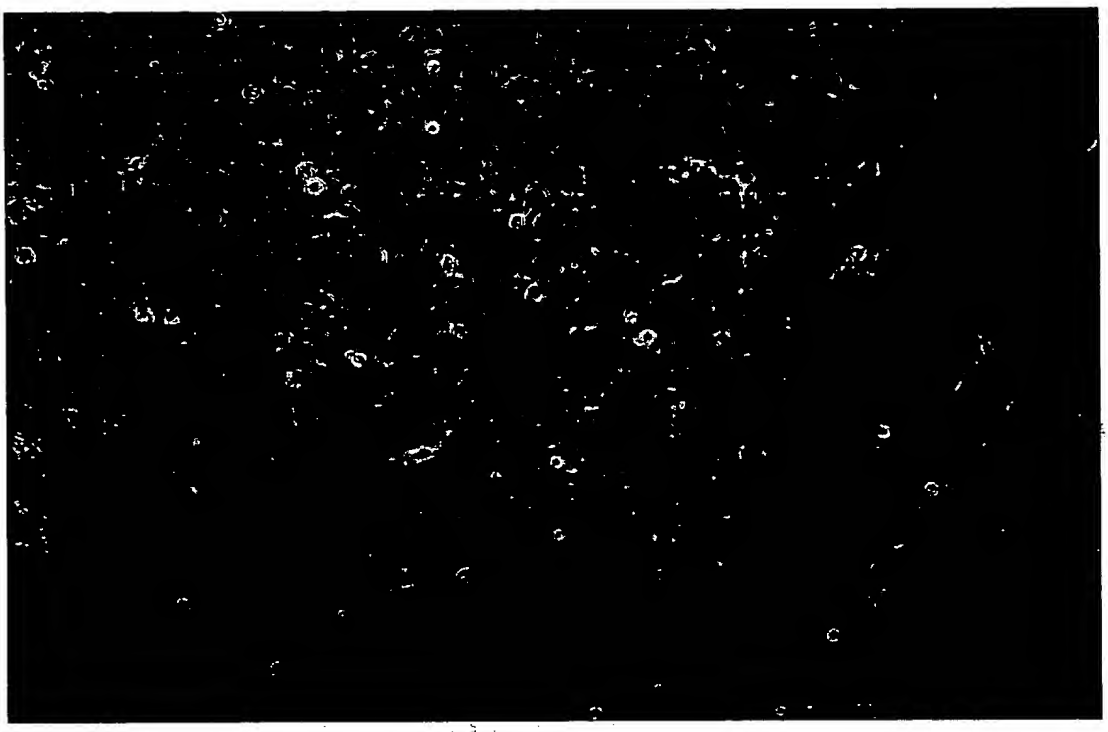
TOTAL CELL PLATING
CONTROL
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION

FIG. 4A



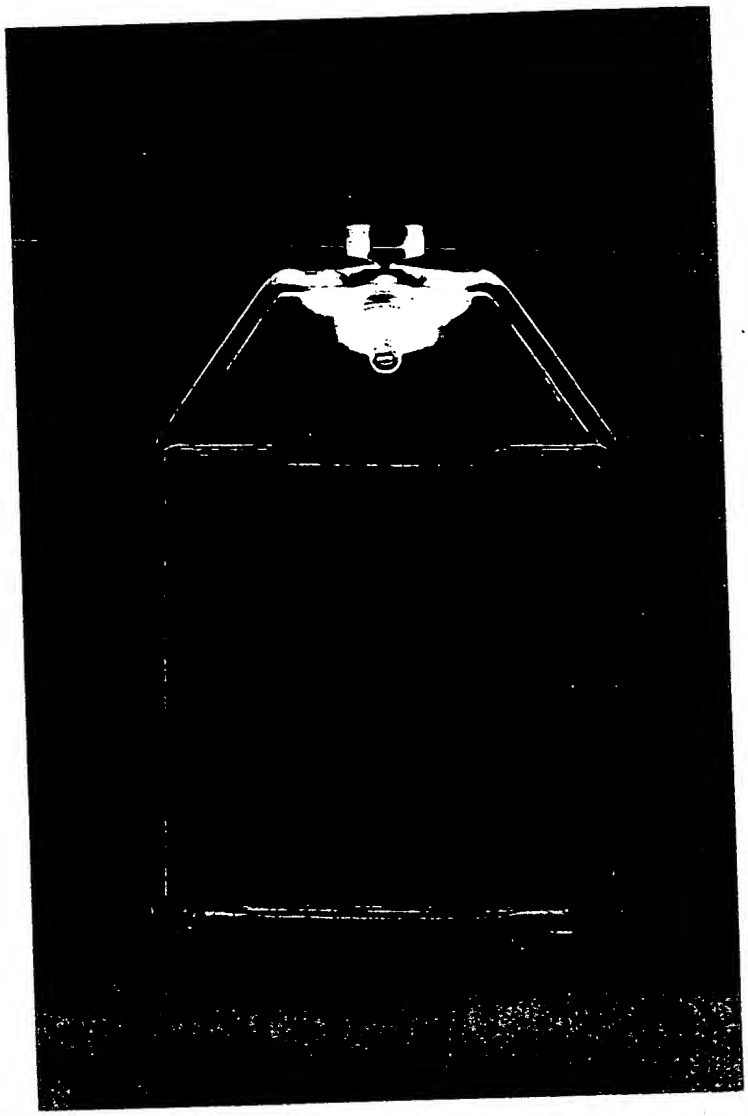
RETINYL ACETATE
WITHOUT PROTEIN GROWTH FACTORS
***RETINYL ACETATE* - SKIN SHEET**
TREATED W/ FBS +1mm Ca^{++}
DISPASE TOTAL RELEASE
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION

FIG. 3B



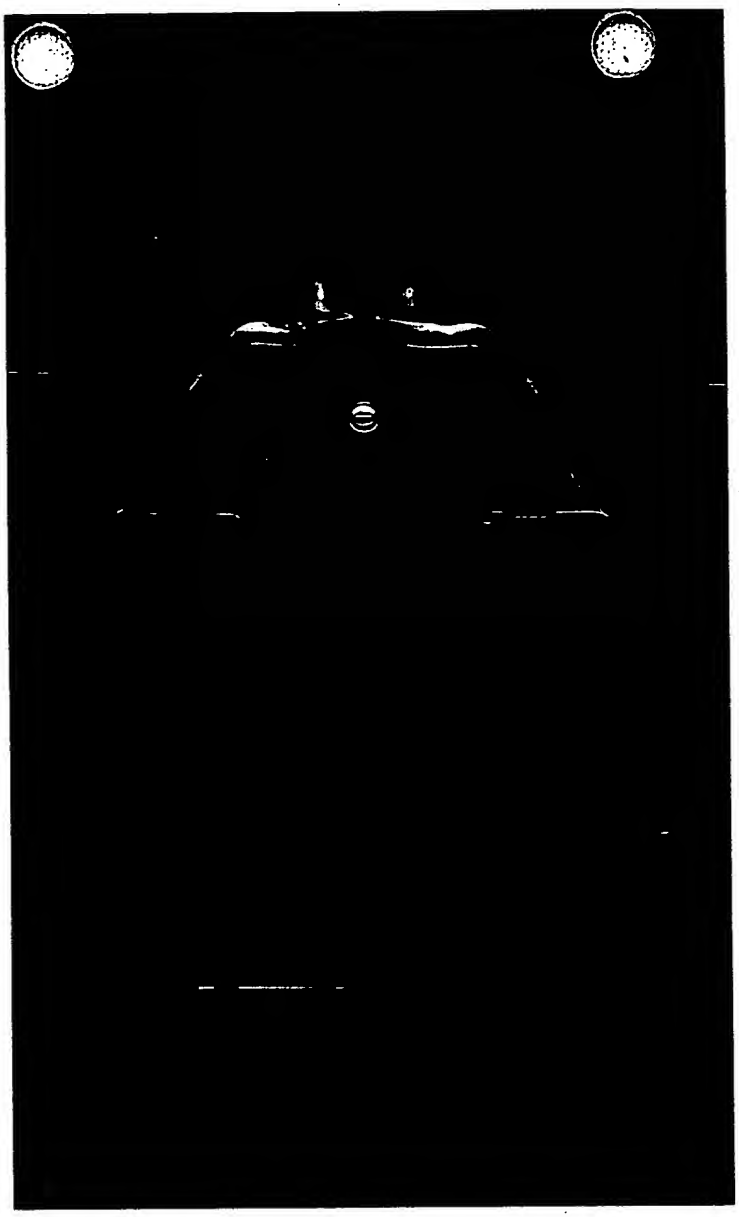
RETINYL ACETATE CULTURE TREATMENT
PRE-DISPASE RELEASE OF SKIN SHEET
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION

FIG. 3A



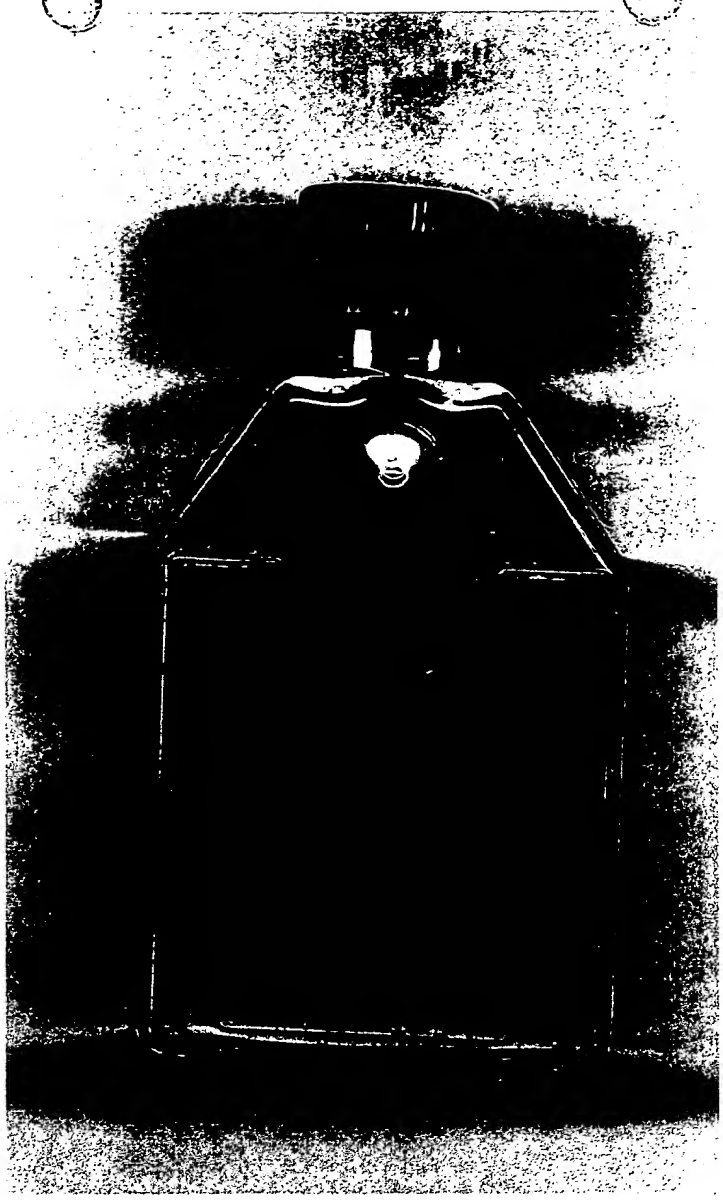
EXPERIMENT 2 - PLATE D - 72 HRS
STANDARD MEDIA W/ NO RETINYL ACETATE &
NO PROTEIN GROWTH FACTORS
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY TO PLATE A = 6.7

FIG. 2D



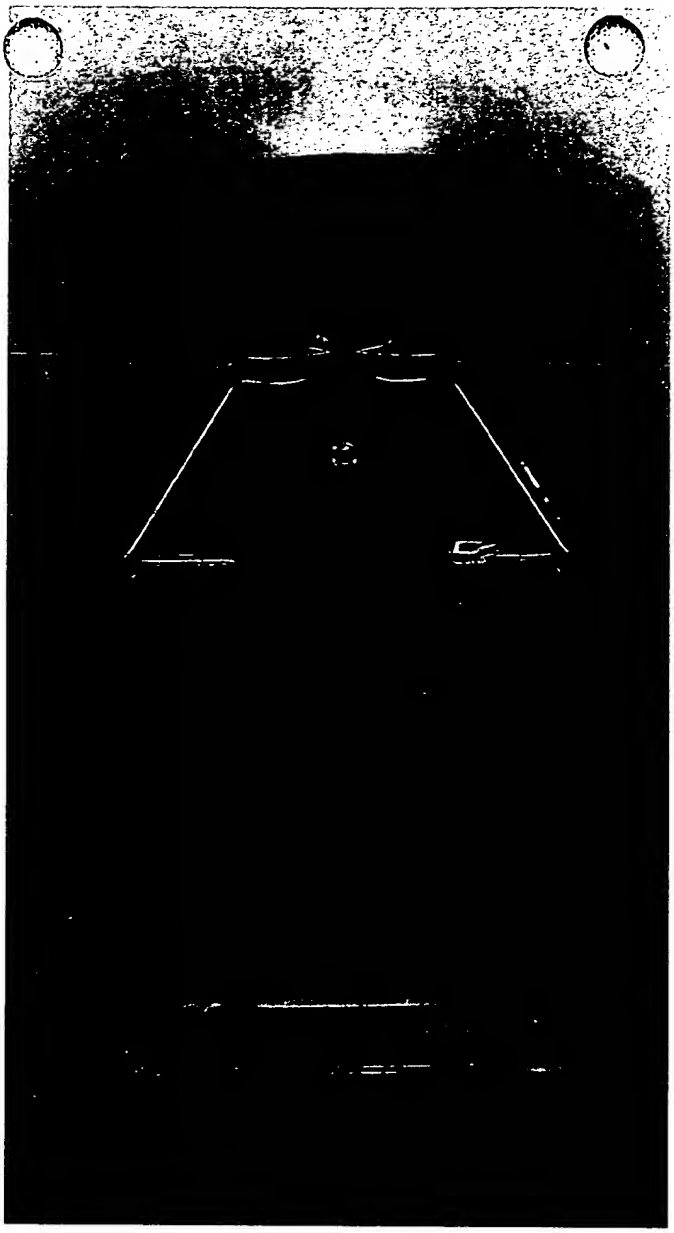
EXPERIMENT 2 - PLATE C - 72 HRS
STANDARD MEDIA W/ RETINYL ACETATE
NO PROTEIN GROWTH FACTORS
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY UNITS TO PLATE A = *29.7*

FIG. 2C



EXPERIMENT 2 - PLATE B - 72 HRS
COMPLETE MEDIA W/ PROTEIN GROWTH FACTORS
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY UNITS TO PLATE A = *33.8*

FIG. 2B

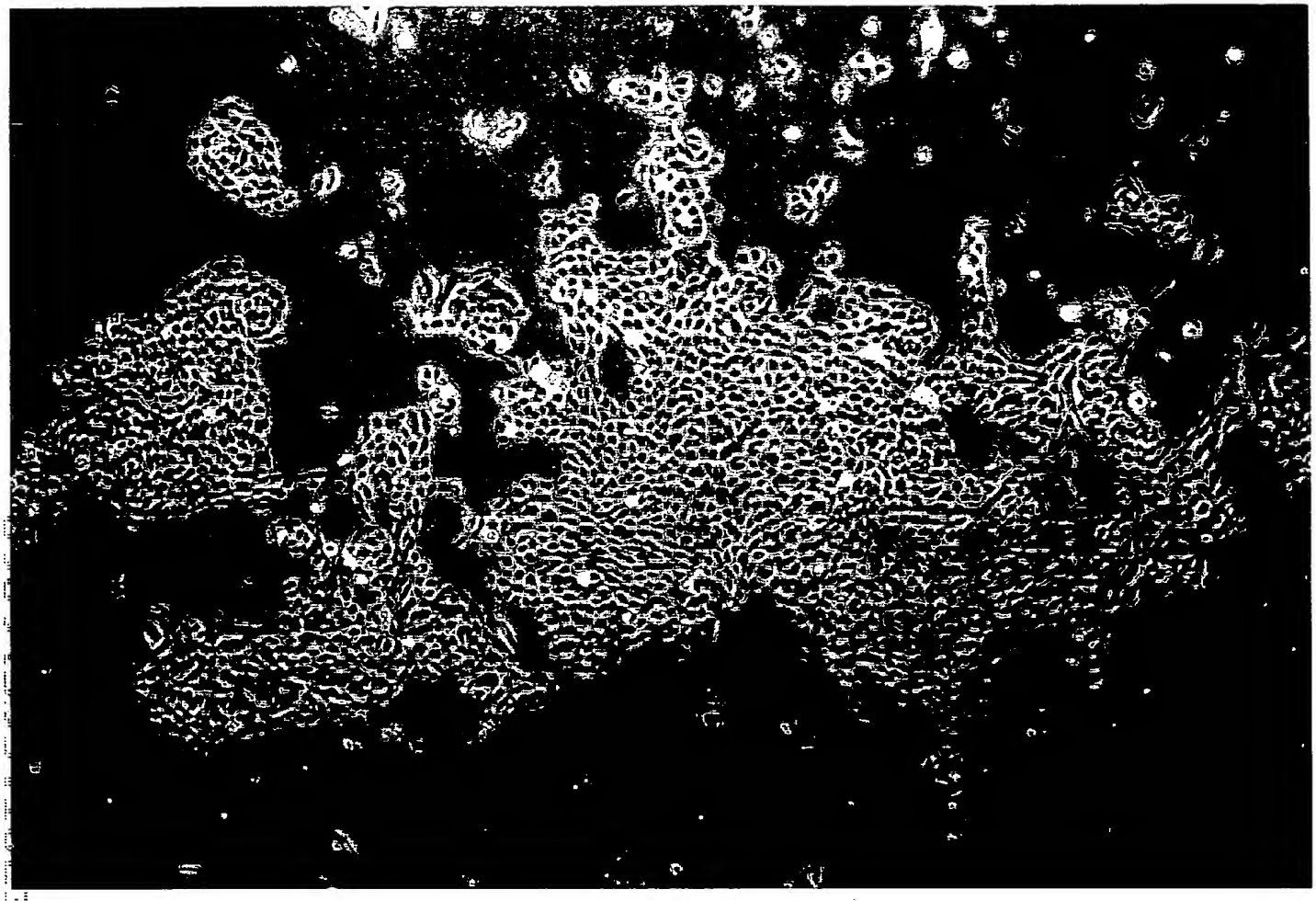


EXPERIMENT 2 - PLATE A - 1 HR
TOTAL CELL PLATING
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY UNITS = *1.0*

FIG. 2A

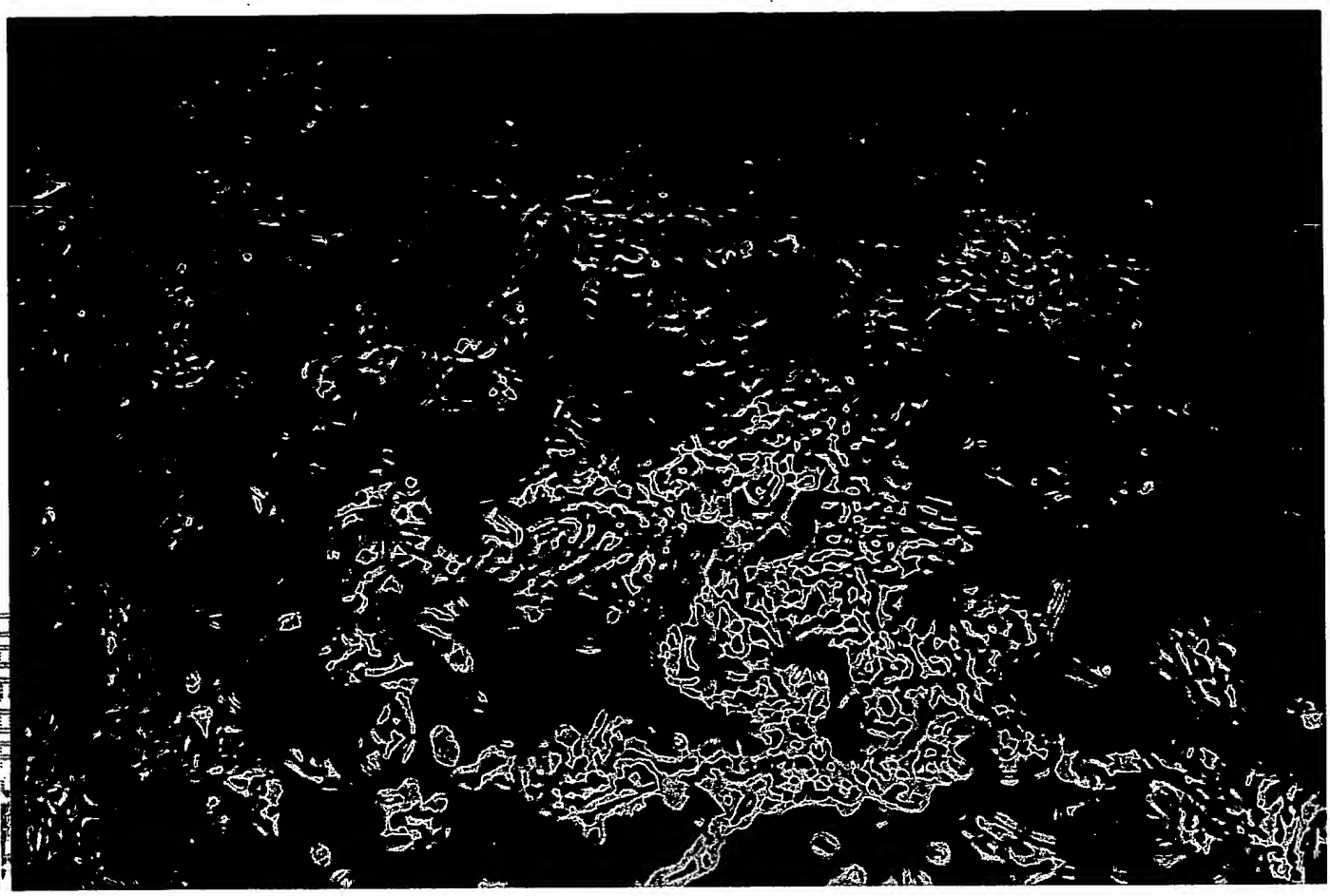
EXPERIMENT 2 - PLATE D - 72 HRS
STANDARD MEDIA W/ NO RETINYL ACETATE &
NO PROTEIN GROWTH FACTORS
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X

FIG. 1D



EXPERIMENT 2 - PLATE C - 72 HRS
STANDARD MEDIA W/ RETINYL ACETATE
NO PROTEIN GROWTH FACTORS
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X

FIG. 1C



EXPERIMENT 2 - PLATE B - 72 HRS
COMPLETE MEDIA W/ PROTEIN GROWTH FACTORS
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X

FIG. 1B